

Project Name: S2 CP2-3
 Description:
 Horizontal Alignment Name: S2 SB Track
 Description:
 Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	11300+00.00	2124498.31	6341491.34
TS ()	11419+84.32	2112514.51	6341379.63
Tangent Direction:	S 0°32'03" W		
Tangent Length:	11984.32		
Element: Cosine			
TS ()	11419+84.32	2112514.51	6341379.63
SPI ()	11428+27.54	2111671.32	6341371.77
SC ()	11431+84.39	2111314.47	6341371.50
Entrance Radius:	0.00		
Exit Radius:	70008.25		
Length:	1200.07		
Angle:	0°29'28" Left		
Constant:	9165.96		
Long Tangent:	843.22		
Short Tangent:	356.85		
Long Chord:	1200.07		
Xs:	1200.06		
Ys:	3.06		
P:	0.49		
K:	600.03		
Tangent Direction:	S 0°32'03" W		
Radial Direction:	N 89°27'57" W		
Chord Direction:	S 0°23'17" W		
Radial Direction:	N 89°57'25" W		
Tangent Direction:	S 0°02'35" W		
Element: Circular			
SC ()	11431+84.39	2111314.47	6341371.50
PI ()	11439+34.54	2110564.32	6341370.94
CC ()		2111261.92	6411379.73
CS ()	11446+84.64	2109814.32	6341386.45
Radius:	70008.25		
Delta:	1°13'40" Left		
Degree of Curvature(Arc):	0°04'55"		
Length:	1500.25		
Tangent:	750.15		
Chord:	1500.22		
Middle Ordinate:	4.02		
External:	4.02		
Tangent Direction:	S 0°02'35" W		
Radial Direction:	N 89°57'25" W		
Chord Direction:	S 0°34'15" E		
Radial Direction:	S 88°48'55" W		
Tangent Direction:	S 1°11'05" E		
Element: Cosine			
CS ()	11446+84.64	2109814.32	6341386.45
SPI ()	11450+41.49	2109457.55	6341393.83
ST ()	11458+84.71	2108614.69	6341418.49
Entrance Radius:	70008.25		
Exit Radius:	0.00		
Length:	1200.07		
Angle:	0°29'28" Left		
Constant:	9165.96		
Long Tangent:	843.22		
Short Tangent:	356.85		
Long Chord:	1200.07		
Xs:	1200.06		
Ys:	3.06		
P:	0.49		
K:	600.03		
Tangent Direction:	S 1°11'05" E		
Radial Direction:	S 88°48'55" W		
Chord Direction:	S 1°31'48" E		
Radial Direction:	S 88°19'27" W		
Tangent Direction:	S 1°40'33" E		
Element: Linear			
ST ()	11458+84.71	2108614.69	6341418.49
TS ()	11495+34.60	2104966.35	6341525.24

Tangent Direction:	S	1^40'33" E		
Tangent Length:		3649.90		

Element: Cosine

TS ()	11495+34.60	2104966.35	6341525.24
SPI ()	11505+88.68	2103912.73	6341556.06
SC ()	11510+34.74	2103467.11	6341576.54
Entrance Radius:	0.00		
Exit Radius:	45008.25		
Length:	1500.14		
Angle:	0^57'17" Left		
Constant:	8216.97		
Long Tangent:	1054.07		
Short Tangent:	446.09		
Long Chord:	1500.12		
Xs:	1500.10		
Ys:	7.43		
P:	1.18		
K:	750.07		
Tangent Direction:	S	1^40'33" E	
Radial Direction:	S	88^19'27" W	
Chord Direction:	S	1^57'35" E	
Radial Direction:	S	87^22'09" W	
Tangent Direction:	S	2^37'51" E	

Element: Circular

SC ()	11510+34.74	2103467.11	6341576.54
PI ()	11537+20.27	2100784.41	6341699.80
CC ()		2105532.94	6386537.35
CS ()	11563+99.44	2098135.40	6342141.19
Radius:	45008.25		
Delta:	6^49'45" Left		
Degree of Curvature(Arc):	0^07'38"		
Length:	5364.70		
Tangent:	2685.53		
Chord:	5361.52		
Middle Ordinate:	79.91		
External:	80.05		
Tangent Direction:	S	2^37'51" E	
Radial Direction:	S	87^22'09" W	
Chord Direction:	S	6^02'43" E	
Radial Direction:	S	80^32'24" W	
Tangent Direction:	S	9^27'36" E	

Element: Cosine

CS ()	11563+99.44	2098135.40	6342141.19
SPI ()	11568+45.53	2097695.38	6342214.51
ST ()	11578+99.58	2096658.67	6342405.06
Entrance Radius:	45008.25		
Exit Radius:	0.00		
Length:	1500.14		
Angle:	0^57'17" Left		
Constant:	8216.97		
Long Tangent:	1054.07		
Short Tangent:	446.09		
Long Chord:	1500.12		
Xs:	1500.10		
Ys:	7.43		
P:	1.18		
K:	750.07		
Tangent Direction:	S	9^27'36" E	
Radial Direction:	S	80^32'24" W	
Chord Direction:	S	10^07'51" E	
Radial Direction:	S	79^35'06" W	
Tangent Direction:	S	10^24'54" E	

Element: Linear

ST ()	11578+99.58	2096658.67	6342405.06
TS ()	11627+39.39	2091898.60	6343279.98
Tangent Direction:	S	10^24'54" E	
Tangent Length:	4839.81		

Element: Cosine

TS ()	11627+39.39	2091898.60	6343279.98
SPI ()	11637+93.46	2090861.90	6343470.53
SC ()	11642+39.52	2090424.56	6343558.47
Entrance Radius:	0.00		
Exit Radius:	45008.25		
Length:	1500.14		

Angle:	0^57'17"	Left		
Constant:	8216.97			
Long Tangent:	1054.07			
Short Tangent:	446.09			
Long Chord:	1500.12			
Xs:	1500.10			
Ys:	7.43			
P:	1.18			
K:	750.07			
Tangent Direction:	S 10^24'54"	E		
Radial Direction:	S 79^35'06"	W		
Chord Direction:	S 10^41'56"	E		
Radial Direction:	S 78^37'49"	W		
Tangent Direction:	S 11^22'11"	E		

Element: Circular

SC ()	11642+39.52	2090424.56	6343558.47
PI ()	11659+21.97	2088775.13	6343890.14
CC ()		2099297.45	6387683.45
CS ()	11676+02.85	2087155.07	6344344.04
Radius:	45008.25		
Delta:	4^16'54"	Left	
Degree of Curvature(Arc):	0^07'38"		
Length:	3363.33		
Tangent:	1682.45		
Chord:	3362.55		
Middle Ordinate:	31.41		
External:	31.43		
Tangent Direction:	S 11^22'11"	E	
Radial Direction:	S 78^37'49"	W	
Chord Direction:	S 13^30'38"	E	
Radial Direction:	S 74^20'55"	W	
Tangent Direction:	S 15^39'05"	E	

Element: Cosine

CS ()	11676+02.85	2087155.07	6344344.04
SPI ()	11680+48.94	2086725.52	6344464.38
ST ()	11691+02.99	2085715.41	6344765.63
Entrance Radius:	45008.25		
Exit Radius:	0.00		
Length:	1500.14		
Angle:	0^57'17"	Left	
Constant:	8216.97		
Long Tangent:	1054.07		
Short Tangent:	446.09		
Long Chord:	1500.12		
Xs:	1500.10		
Ys:	7.43		
P:	1.18		
K:	750.07		
Tangent Direction:	S 15^39'05"	E	
Radial Direction:	S 74^20'55"	W	
Chord Direction:	S 16^19'20"	E	
Radial Direction:	S 73^23'38"	W	
Tangent Direction:	S 16^36'22"	E	

Element: Linear

ST ()	11691+02.99	2085715.41	6344765.63
TS ()	11725+30.27	2082431.07	6345745.11
Tangent Direction:	S 16^36'22"	E	
Tangent Length:	3427.28		

Element: Cosine

TS ()	11725+30.27	2082431.07	6345745.11
SPI ()	11733+73.50	2081623.02	6345986.10
SC ()	11737+30.34	2081281.93	6346091.01
Entrance Radius:	0.00		
Exit Radius:	70008.25		
Length:	1200.07		
Angle:	0^29'28"	Left	
Constant:	9165.96		
Long Tangent:	843.22		
Short Tangent:	356.85		
Long Chord:	1200.07		
Xs:	1200.06		
Ys:	3.06		
P:	0.49		
K:	600.03		
Tangent Direction:	S 16^36'22"	E	

Radial Direction:	S 73^23'38" W			
Chord Direction:	S 16^45'08" E			
Radial Direction:	S 72^54'10" W			
Tangent Direction:	S 17^05'50" E			
Element: Circular				
SC ()	11737+30.34	2081281.93	6346091.01	
PI ()	11744+73.47	2080571.65	6346309.48	
CC ()		2101863.89	6413005.42	
CS ()	11752+16.54	2079866.16	6346542.98	
Radius:	70008.25			
Delta:	1^12'59" Left			
Degree of Curvature(Arc):	0^04'55"			
Length:	1486.19			
Tangent:	743.12			
Chord:	1486.17			
Middle Ordinate:	3.94			
External:	3.94			
Tangent Direction:	S 17^05'50" E			
Radial Direction:	S 72^54'10" W			
Chord Direction:	S 17^42'19" E			
Radial Direction:	S 71^41'11" W			
Tangent Direction:	S 18^18'49" E			
Element: Cosine				
CS ()	11752+16.54	2079866.16	6346542.98	
SPI ()	11755+73.39	2079527.38	6346655.11	
ST ()	11764+16.61	2078729.17	6346926.92	
Entrance Radius:	70008.25			
Exit Radius:	0.00			
Length:	1200.07			
Angle:	0^29'28" Left			
Constant:	9165.96			
Long Tangent:	843.22			
Short Tangent:	356.85			
Long Chord:	1200.07			
Xs:	1200.06			
Ys:	3.06			
P:	0.49			
K:	600.03			
Tangent Direction:	S 18^18'49" E			
Radial Direction:	S 71^41'11" W			
Chord Direction:	S 18^39'31" E			
Radial Direction:	S 71^11'44" W			
Tangent Direction:	S 18^48'16" E			
Element: Linear				
ST ()	11764+16.61	2078729.17	6346926.92	
TS ()	11802+00.40	2075147.34	6348146.59	
Tangent Direction:	S 18^48'16" E			
Tangent Length:	3783.80			
Element: Cosine				
TS ()	11802+00.40	2075147.34	6348146.59	
SPI ()	11816+05.96	2073816.81	6348599.66	
SC ()	11822+00.69	2073260.64	6348810.71	
Entrance Radius:	0.00			
Exit Radius:	29008.25			
Length:	2000.28			
Angle:	1^58'32" Left			
Constant:	7617.40			
Long Tangent:	1405.56			
Short Tangent:	594.87			
Long Chord:	2000.17			
Xs:	2000.07			
Ys:	20.51			
P:	3.27			
K:	1000.12			
Tangent Direction:	S 18^48'16" E			
Radial Direction:	S 71^11'44" W			
Chord Direction:	S 19^23'31" E			
Radial Direction:	S 69^13'12" W			
Tangent Direction:	S 20^46'48" E			
Element: Circular				
SC ()	11822+00.69	2073260.64	6348810.71	
PI ()	11921+06.62	2063999.09	6352325.14	
CC ()		2083552.21	6375931.96	
CS ()	12012+92.20	2058821.60	6360770.31	

Radius:	29008.25		
Delta:	37^42'31"	Left	
Degree of Curvature(Arc):	0^11'51"		
Length:	19091.51		
Tangent:	9905.93		
Chord:	18748.81		
Middle Ordinate:	1556.49		
External:	1644.74		
Tangent Direction:	S 20^46'48"	E	
Radial Direction:	S 69^13'12"	W	
Chord Direction:	S 39^38'04"	E	
Radial Direction:	S 31^30'41"	W	
Tangent Direction:	S 58^29'19"	E	
Element: Cosine			
CS ()	12012+92.20	2058821.60	6360770.31
SPI ()	12018+87.07	2058510.68	6361277.46
ST ()	12032+92.49	2057817.79	6362500.36
Entrance Radius:	29008.25		
Exit Radius:	0.00		
Length:	2000.28		
Angle:	1^58'32"	Left	
Constant:	7617.40		
Long Tangent:	1405.56		
Short Tangent:	594.87		
Long Chord:	2000.17		
Xs:	2000.07		
Ys:	20.51		
P:	3.27		
K:	1000.12		
Tangent Direction:	S 58^29'19"	E	
Radial Direction:	S 31^30'41"	W	
Chord Direction:	S 59^52'36"	E	
Radial Direction:	S 29^32'09"	W	
Tangent Direction:	S 60^27'51"	E	
Element: Linear			
ST ()	12032+92.49	2057817.79	6362500.36
TS ()	12099+25.30	2054548.02	6368271.22
Tangent Direction:	S 60^27'51"	E	
Tangent Length:	6632.81		
Element: Cosine			
TS ()	12099+25.30	2054548.02	6368271.22
SPI ()	12111+19.69	2053959.23	6369310.39
SC ()	12116+25.11	2053699.87	6369744.26
Entrance Radius:	0.00		
Exit Radius:	36491.75		
Length:	1699.81		
Angle:	1^20'04"	Right	
Constant:	7875.85		
Long Tangent:	1194.39		
Short Tangent:	505.48		
Long Chord:	1699.77		
Xs:	1699.72		
Ys:	11.77		
P:	1.87		
K:	849.90		
Tangent Direction:	S 60^27'51"	E	
Radial Direction:	S 29^32'09"	W	
Chord Direction:	S 60^04'02"	E	
Radial Direction:	S 30^52'13"	W	
Tangent Direction:	S 59^07'47"	E	
Element: Circular			
SC ()	12116+25.11	2053699.87	6369744.26
PI ()	12318+91.89	2043301.06	6387139.87
CC ()		2022377.87	6351020.47
CS ()	12486+25.13	2023037.59	6387506.26
Radius:	36491.75		
Delta:	58^05'38"	Right	
Degree of Curvature(Arc):	0^09'25"		
Length:	37000.02		
Tangent:	20266.78		
Chord:	35435.35		
Middle Ordinate:	4589.84		
External:	5250.20		
Tangent Direction:	S 59^07'47"	E	
Radial Direction:	S 30^52'13"	W	

Chord Direction:	S 30^04'58" E		
Radial Direction:	S 88^57'51" W		
Tangent Direction:	S 1^02'09" E		

Element: Cosine

CS ()	12486+25.13	2023037.59	6387506.26
SPI ()	12491+30.61	2022532.19	6387515.40
ST ()	12503+24.94	2021337.82	6387509.18
Entrance Radius:	36491.75		
Exit Radius:	0.00		
Length:	1699.81		
Angle:	1^20'04" Right		
Constant:	7875.85		
Long Tangent:	1194.39		
Short Tangent:	505.48		
Long Chord:	1699.77		
Xs:	1699.72		
Ys:	11.77		
P:	1.87		
K:	849.90		
Tangent Direction:	S 1^02'09" E		
Radial Direction:	S 88^57'51" W		
Chord Direction:	S 0^05'54" E		
Radial Direction:	N 89^42'05" W		
Tangent Direction:	S 0^17'55" W		

Element: Linear

ST ()	12503+24.94	2021337.82	6387509.18
TS ()	12878+73.77	1983789.51	6387313.52
Tangent Direction:	S 0^17'55" W		
Tangent Length:	37548.83		

Element: Cosine

TS ()	12878+73.77	1983789.51	6387313.52
SPI ()	12894+89.72	1982173.57	6387305.10
SC ()	12901+73.46	1981490.28	6387275.75
Entrance Radius:	0.00		
Exit Radius:	30491.75		
Length:	2299.69		
Angle:	2^09'38" Right		
Constant:	8373.86		
Long Tangent:	1615.96		
Short Tangent:	683.92		
Long Chord:	2299.54		
Xs:	2299.39		
Ys:	25.78		
P:	4.11		
K:	1149.82		
Tangent Direction:	S 0^17'55" W		
Radial Direction:	N 89^42'05" W		
Chord Direction:	S 0^56'28" W		
Radial Direction:	N 87^32'27" W		
Tangent Direction:	S 2^27'33" W		

Element: Circular

SC ()	12901+73.46	1981490.28	6387275.75
PI ()	12951+12.35	1976555.93	6387063.84
CC ()		1982798.61	6356812.09
CS ()	12999+66.20	1971940.77	6385305.14
Radius:	30491.75		
Delta:	18^24'04" Right		
Degree of Curvature(Arc):	0^11'16"		
Length:	9792.75		
Tangent:	4938.90		
Chord:	9750.72		
Middle Ordinate:	392.29		
External:	397.40		
Tangent Direction:	S 2^27'33" W		
Radial Direction:	N 87^32'27" W		
Chord Direction:	S 11^39'35" W		
Radial Direction:	N 69^08'23" W		
Tangent Direction:	S 20^51'37" W		

Element: Cosine

CS ()	12999+66.20	1971940.77	6385305.14
SPI ()	13006+50.12	1971301.68	6385061.60
ST ()	13022+65.89	1969814.41	6384429.65
Entrance Radius:	30491.75		
Exit Radius:	0.00		

Length:	2299.69		
Angle:	2^09'38"	Right	
Constant:	8373.86		
Long Tangent:	1615.96		
Short Tangent:	683.92		
Long Chord:	2299.54		
Xs:	2299.39		
Ys:	25.78		
P:	4.11		
K:	1149.82		
Tangent Direction:	S 20^51'37"	W	
Radial Direction:	N 69^08'23"	W	
Chord Direction:	S 22^22'43"	W	
Radial Direction:	N 66^58'45"	W	
Tangent Direction:	S 23^01'15"	W	
Element: Linear			
ST ()	13022+65.89	1969814.41	6384429.65
TS ()	13034+69.74	1968706.44	6383958.87
Tangent Direction:	S 23^01'15"	W	
Tangent Length:	1203.85		
Element: Cosine			
TS ()	13034+69.74	1968706.44	6383958.87
SPI ()	13050+86.13	1967218.77	6383326.75
SC ()	13057+70.05	1966579.51	6383083.14
Entrance Radius:	0.00		
Exit Radius:	30508.25		
Length:	2300.31		
Angle:	2^09'36"	Left	
Constant:	8377.26		
Long Tangent:	1616.40		
Short Tangent:	684.11		
Long Chord:	2300.16		
Xs:	2300.01		
Ys:	25.78		
P:	4.11		
K:	1150.13		
Tangent Direction:	S 23^01'15"	W	
Radial Direction:	N 66^58'45"	W	
Chord Direction:	S 22^22'43"	W	
Radial Direction:	N 69^08'21"	W	
Tangent Direction:	S 20^51'39"	W	
Element: Circular			
SC ()	13057+70.05	1966579.51	6383083.14
PI ()	13196+80.64	1953580.79	6378129.57
CC ()		1955715.50	6411591.50
CS ()	13318+72.95	1941316.91	6384694.78
Radius:	30508.25		
Delta:	49^01'20"	Left	
Degree of Curvature(Arc):	0^11'16"		
Length:	26102.89		
Tangent:	13910.59		
Chord:	25313.95		
Middle Ordinate:	2749.39		
External:	3021.71		
Tangent Direction:	S 20^51'39"	W	
Radial Direction:	N 69^08'21"	W	
Chord Direction:	S 3^39'01"	E	
Radial Direction:	S 61^50'19"	W	
Tangent Direction:	S 28^09'41"	E	
Element: Cosine			
CS ()	13318+72.95	1941316.91	6384694.78
SPI ()	13325+57.05	1940713.79	6385017.64
ST ()	13341+73.26	1939318.51	6385833.68
Entrance Radius:	30508.25		
Exit Radius:	0.00		
Length:	2300.31		
Angle:	2^09'36"	Left	
Constant:	8377.26		
Long Tangent:	1616.40		
Short Tangent:	684.11		
Long Chord:	2300.16		
Xs:	2300.01		
Ys:	25.78		
P:	4.11		
K:	1150.13		

Tangent Direction:	S 28^09'41" E		
Radial Direction:	S 61^50'19" W		
Chord Direction:	S 29^40'45" E		
Radial Direction:	S 59^40'43" W		
Tangent Direction:	S 30^19'17" E		
Element: Linear			
ST ()	13341+73.26	1939318.51	6385833.68
TS ()	13383+56.75	1935707.29	6387945.72
Tangent Direction:	S 30^19'17" E		
Tangent Length:	4183.49		
Element: Cosine			
TS ()	13383+56.75	1935707.29	6387945.72
SPI ()	13397+62.26	1934494.04	6388655.30
SC ()	13403+57.00	1933989.90	6388971.02
Entrance Radius:	0.00		
Exit Radius:	33008.25		
Length:	2000.25		
Angle:	1^44'10" Left		
Constant:	8125.56		
Long Tangent:	1405.52		
Short Tangent:	594.84		
Long Chord:	2000.16		
Xs:	2000.08		
Ys:	18.02		
P:	2.87		
K:	1000.11		
Tangent Direction:	S 30^19'17" E		
Radial Direction:	S 59^40'43" W		
Chord Direction:	S 30^50'16" E		
Radial Direction:	S 57^56'33" W		
Tangent Direction:	S 32^03'27" E		
Element: Circular			
SC ()	13403+57.00	1933989.90	6388971.02
PI ()	13438+05.63	1931067.13	6390801.45
CC ()		1951509.69	6416946.04
CS ()	13472+29.33	1928585.83	6393196.49
Radius:	33008.25		
Delta:	11^55'44" Left		
Degree of Curvature(Arc):	0^10'25"		
Length:	6872.34		
Tangent:	3448.63		
Chord:	6859.93		
Middle Ordinate:	178.69		
External:	179.66		
Tangent Direction:	S 32^03'27" E		
Radial Direction:	S 57^56'33" W		
Chord Direction:	S 38^01'19" E		
Radial Direction:	S 46^00'49" W		
Tangent Direction:	S 43^59'11" E		
Element: Cosine			
CS ()	13472+29.33	1928585.83	6393196.49
SPI ()	13478+24.17	1928157.84	6393609.60
ST ()	13492+29.58	1927176.60	6394615.91
Entrance Radius:	33008.25		
Exit Radius:	0.00		
Length:	2000.25		
Angle:	1^44'10" Left		
Constant:	8125.56		
Long Tangent:	1405.52		
Short Tangent:	594.84		
Long Chord:	2000.16		
Xs:	2000.08		
Ys:	18.02		
P:	2.87		
K:	1000.11		
Tangent Direction:	S 43^59'11" E		
Radial Direction:	S 46^00'49" W		
Chord Direction:	S 45^12'23" E		
Radial Direction:	S 44^16'39" W		
Tangent Direction:	S 45^43'21" E		
Element: Linear			
ST ()	13492+29.58	1927176.60	6394615.91
TS ()	13503+70.31	1926380.21	6395432.63
Tangent Direction:	S 45^43'21" E		

Tangent Length: 1140.73

Element: Cosine

TS ()	13503+70.31	1926380.21	6395432.63
SPI ()	13518+45.74	1925350.17	6396488.99
SC ()	13524+70.04	1924899.80	6396921.52
Entrance Radius:	0.00		
Exit Radius:	31991.75		
Length:	2099.73		
Angle:	1^52'49" Right		
Constant:	8195.98		
Long Tangent:	1475.43		
Short Tangent:	624.43		
Long Chord:	2099.62		
Xs:	2099.52		
Ys:	20.49		
P:	3.26		
K:	1049.85		
Tangent Direction:	S 45^43'21" E		
Radial Direction:	S 44^16'39" W		
Chord Direction:	S 45^09'48" E		
Radial Direction:	S 46^09'28" W		
Tangent Direction:	S 43^50'32" E		

Element: Circular

SC ()	13524+70.04	1924899.80	6396921.52
PI ()	13602+74.26	1919271.01	6402327.31
CC ()		1902739.90	6373847.48
CS ()	13677+79.47	1911785.22	6404533.87
Radius:	31991.75		
Delta:	27^25'07" Right		
Degree of Curvature(Arc):	0^10'45"		
Length:	15309.43		
Tangent:	7804.22		
Chord:	15163.77		
Middle Ordinate:	911.42		
External:	938.14		
Tangent Direction:	S 43^50'32" E		
Radial Direction:	S 46^09'28" W		
Chord Direction:	S 30^07'59" E		
Radial Direction:	S 73^34'34" W		
Tangent Direction:	S 16^25'26" E		

Element: Cosine

CS ()	13677+79.47	1911785.22	6404533.87
SPI ()	13684+03.91	1911186.27	6404710.42
ST ()	13698+79.20	1909758.12	6405080.92
Entrance Radius:	31991.75		
Exit Radius:	0.00		
Length:	2099.73		
Angle:	1^52'49" Right		
Constant:	8195.98		
Long Tangent:	1475.43		
Short Tangent:	624.43		
Long Chord:	2099.62		
Xs:	2099.52		
Ys:	20.49		
P:	3.26		
K:	1049.85		
Tangent Direction:	S 16^25'26" E		
Radial Direction:	S 73^34'34" W		
Chord Direction:	S 15^06'09" E		
Radial Direction:	S 75^27'23" W		
Tangent Direction:	S 14^32'37" E		

Element: Linear

ST ()	13698+79.20	1909758.12	6405080.92
TS ()	13710+79.26	1908596.52	6405382.27
Tangent Direction:	S 14^32'37" E		
Tangent Length:	1200.05		

Element: Cosine

TS ()	13710+79.26	1908596.52	6405382.27
SPI ()	13722+03.62	1907508.19	6405664.62
SC ()	13726+79.42	1907050.01	6405793.07
Entrance Radius:	0.00		
Exit Radius:	41008.25		
Length:	1600.16		
Angle:	1^07'04" Left		

Constant:	8100.60
Long Tangent:	1124.36
Short Tangent:	475.84
Long Chord:	1600.13
Xs:	1600.11
Ys:	9.28
P:	1.48
K:	800.08
Tangent Direction:	S 14^32'37" E
Radial Direction:	S 75^27'23" W
Chord Direction:	S 14^52'33" E
Radial Direction:	S 74^20'19" W
Tangent Direction:	S 15^39'41" E

Element: Circular

SC (	)	13726+79.42	1907050.01	6405793.07
PI (	)	13775+70.75	1902340.27	6407113.49
CC (	)		1918120.23	6445278.85
CS (	)	13824+16.09	1898073.24	6409504.63

Radius:	41008.25
Delta:	13^36'14" Left

Degree of Curvature(Arc):	0^08'23"
Length:	9736.67
Tangent:	4891.34
Chord:	9713.82
Middle Ordinate:	288.64
External:	290.68
Tangent Direction:	S 15^39'41" E
Radial Direction:	S 74^20'19" W
Chord Direction:	S 22^27'48" E
Radial Direction:	S 60^44'05" W
Tangent Direction:	S 29^15'55" E

Element: Cosine

CS (	)	13824+16.09	1898073.24	6409504.63
SPI (	)	13828+91.93	1897658.13	6409737.25
ST (	)	13840+16.25	1896688.19	6410305.92

Entrance Radius:	41008.25
Exit Radius:	0.00
Length:	1600.16
Angle:	1^07'04" Left

Constant:	8100.60
Long Tangent:	1124.36
Short Tangent:	475.84
Long Chord:	1600.13
Xs:	1600.11
Ys:	9.28
P:	1.48
K:	800.08

Tangent Direction:	S 29^15'55" E
Radial Direction:	S 60^44'05" W
Chord Direction:	S 30^03'02" E
Radial Direction:	S 59^37'01" W
Tangent Direction:	S 30^22'59" E

Element: Linear

ST (	)	13840+16.25	1896688.19	6410305.92
PC (	)	14052+27.24	1878390.25	6421033.99
Tangent Direction:	S 30^22'59" E			
Tangent Length:	21210.99			

Element: Circular

PC (	)	14052+27.24	1878390.25	6421033.99
PI (	)	14062+26.79	1877527.97	6421539.54
CC (	)		2889951.90	8146367.59
PT (	)	14072+26.34	1876666.20	6422045.96

Radius:	2000008.25
Delta:	0^03'26" Left

Degree of Curvature(Arc):	0^00'10"
Length:	1999.10
Tangent:	999.55
Chord:	1999.10
Middle Ordinate:	0.25
External:	0.25
Tangent Direction:	S 30^22'59" E
Radial Direction:	S 59^37'01" W
Chord Direction:	S 30^24'42" E
Radial Direction:	S 59^33'35" W
Tangent Direction:	S 30^26'25" E

Element: Linear
 PT () 14072+26.34 1876666.20 6422045.96
 TS () 14270+36.61 1859586.63 6432082.65
 Tangent Direction: S 30^26'25" E
 Tangent Length: 19810.27

Element: Cosine
 TS () 14270+36.61 1859586.63 6432082.65
 SPI () 14280+20.24 1858738.59 6432580.99
 SC () 14284+36.50 1858376.81 6432786.90
 Entrance Radius: 0.00
 Exit Radius: 50491.75
 Length: 1399.89
 Angle: 0^47'39" Right
 Constant: 8407.30
 Long Tangent: 983.63
 Short Tangent: 416.27
 Long Chord: 1399.87
 Xs: 1399.86
 Ys: 5.77
 P: 0.92
 K: 699.94
 Tangent Direction: S 30^26'25" E
 Radial Direction: S 59^33'35" W
 Chord Direction: S 30^12'15" E
 Radial Direction: S 60^21'14" W
 Tangent Direction: S 29^38'46" E

Element: Circular
 SC () 14284+36.50 1858376.81 6432786.90
 PI () 14392+94.10 1848940.49 6438157.51
 CC () 1833401.53 6388904.64
 CS () 14498+25.99 1838130.62 6439174.44
 Radius: 50491.75
 Delta: 24^16'19" Right
 Degree of Curvature(Arc): 0^06'49"
 Length: 21389.49
 Tangent: 10857.60
 Chord: 21229.91
 Middle Ordinate: 1128.41
 External: 1154.20
 Tangent Direction: S 29^38'46" E
 Radial Direction: S 60^21'14" W
 Chord Direction: S 17^30'37" E
 Radial Direction: S 84^37'33" W
 Tangent Direction: S 5^22'27" E

Element: Cosine
 CS () 14498+25.99 1838130.62 6439174.44
 SPI () 14502+42.26 1837716.17 6439213.43
 ST () 14512+25.87 1836735.69 6439291.97
 Entrance Radius: 50491.75
 Exit Radius: 0.00
 Length: 1399.89
 Angle: 0^47'39" Right
 Constant: 8407.30
 Long Tangent: 983.63
 Short Tangent: 416.27
 Long Chord: 1399.87
 Xs: 1399.86
 Ys: 5.77
 P: 0.92
 K: 699.94
 Tangent Direction: S 5^22'27" E
 Radial Direction: S 84^37'33" W
 Chord Direction: S 4^48'58" E
 Radial Direction: S 85^25'12" W
 Tangent Direction: S 4^34'48" E

Element: Linear
 ST () 14512+25.87 1836735.69 6439291.97
 POE () 14758+22.54 1812217.56 6441256.03
 Tangent Direction: S 4^34'48" E
 Tangent Length: 24596.66